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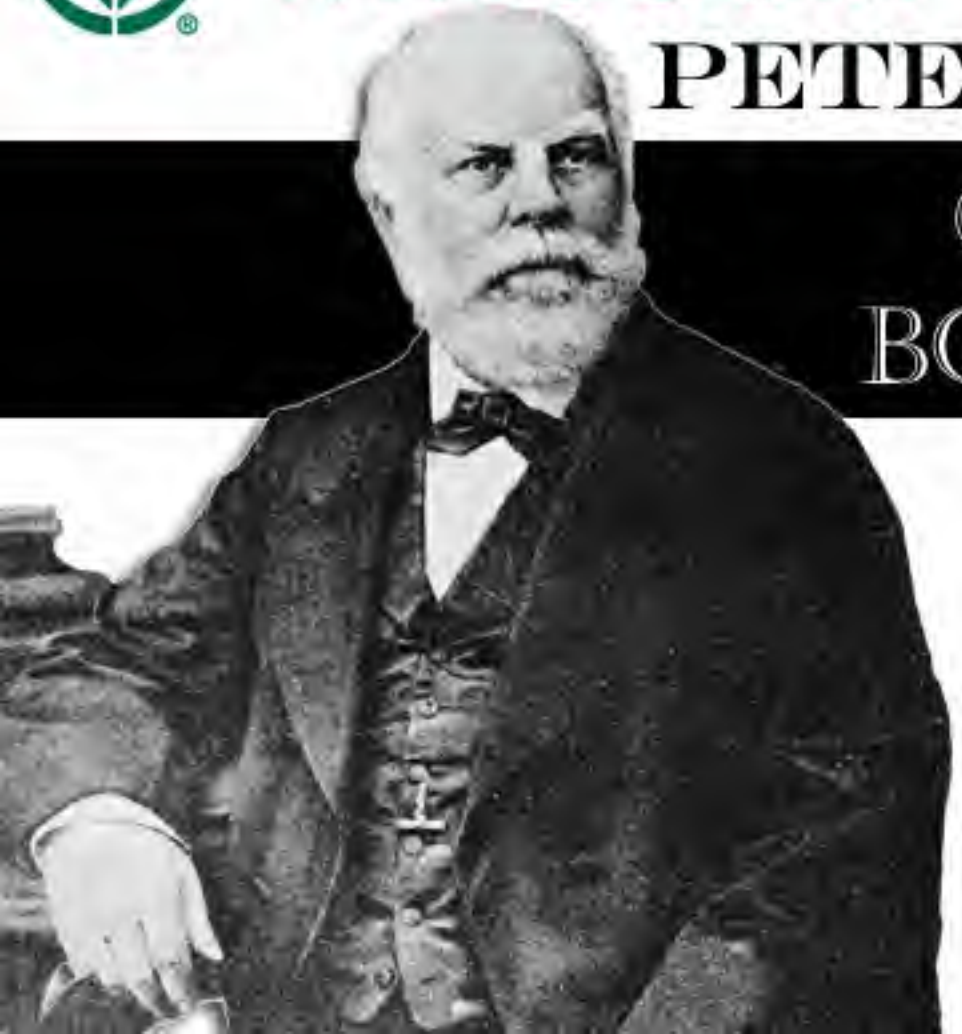
George Engelmann Botanical Notebooks



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1-3

123

Iridaceae

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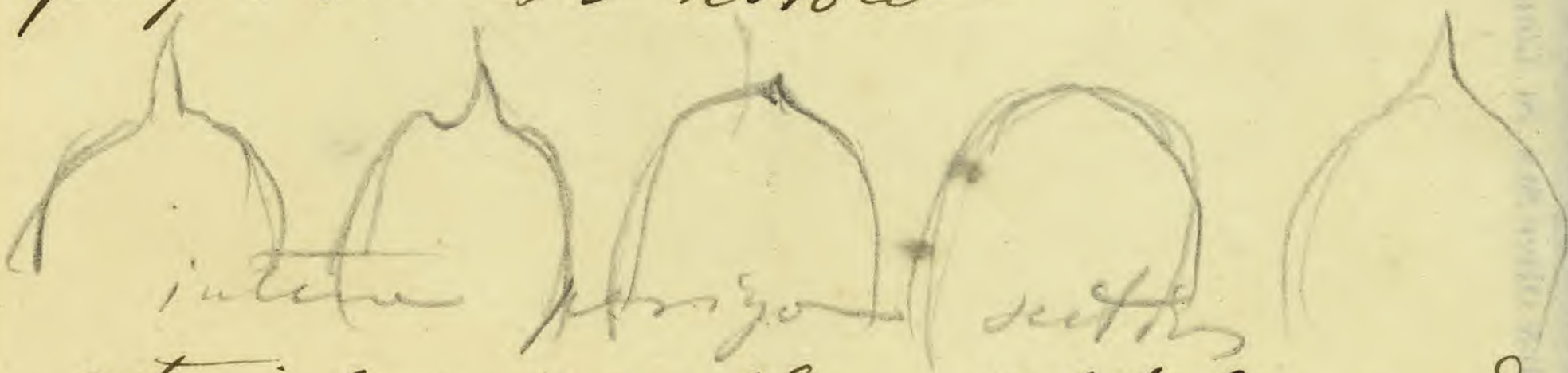
ovary glandular hairy

Silene nivalis #2

ext. petals externally hairy, interior ones smooth

pair of sections 3 nerved



interior

exterior

exterior ones usually notched or deeply cleft

deeply cleft or rather mucronate,

interior ones similar, or (obtuse rarely)

or simply acute or mucronate.

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Revisio Lobeliarum, Klatt, Linnaea
32. (1863)
p. 689–714

pars prima

Gandoger, M.

fide ecl. Linn. 32. p. 283

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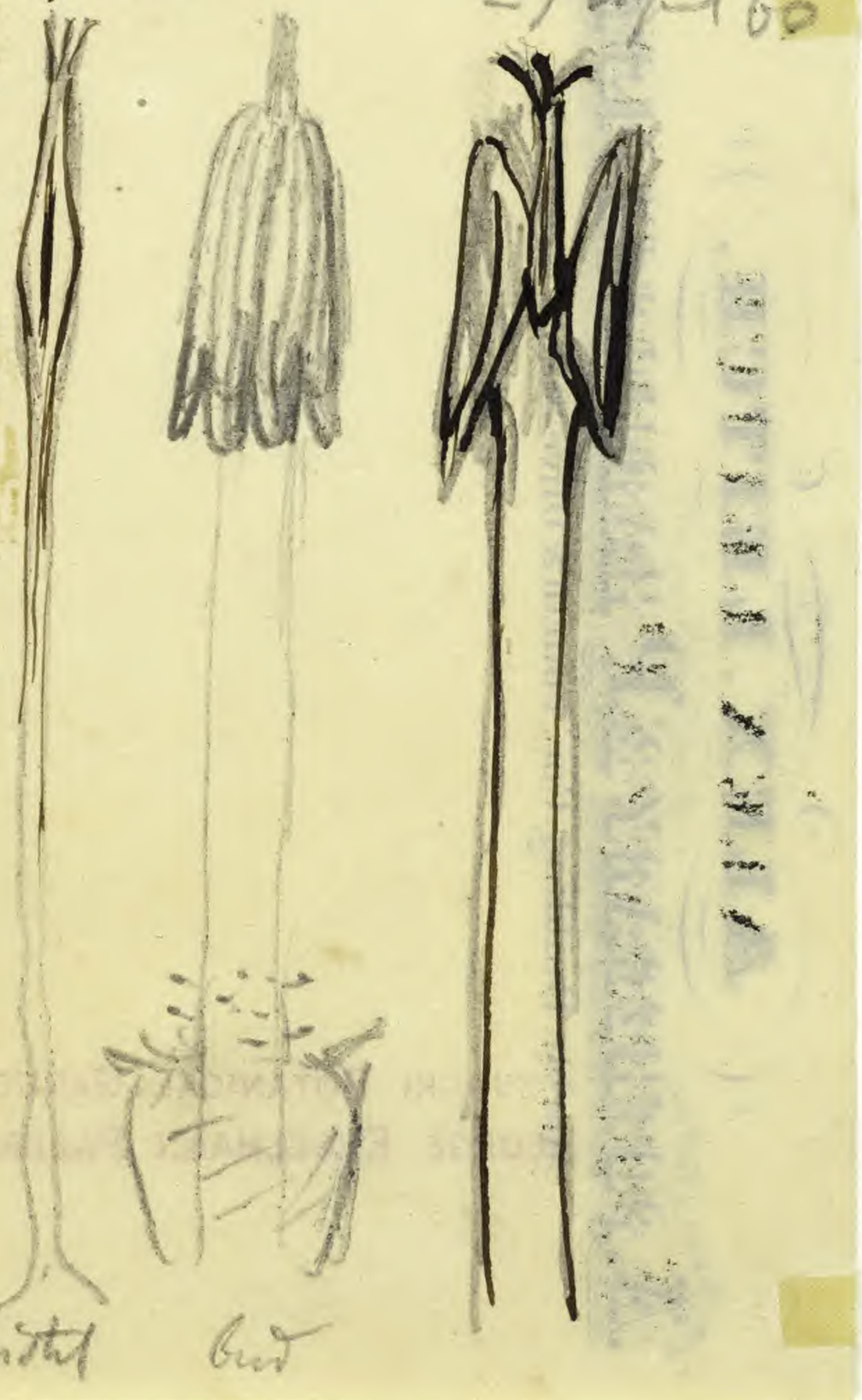
Sisy

3 stam
opposit
exteri
Colors
of corolla
!!

Sisyr. albiflorum

29 Apr 60



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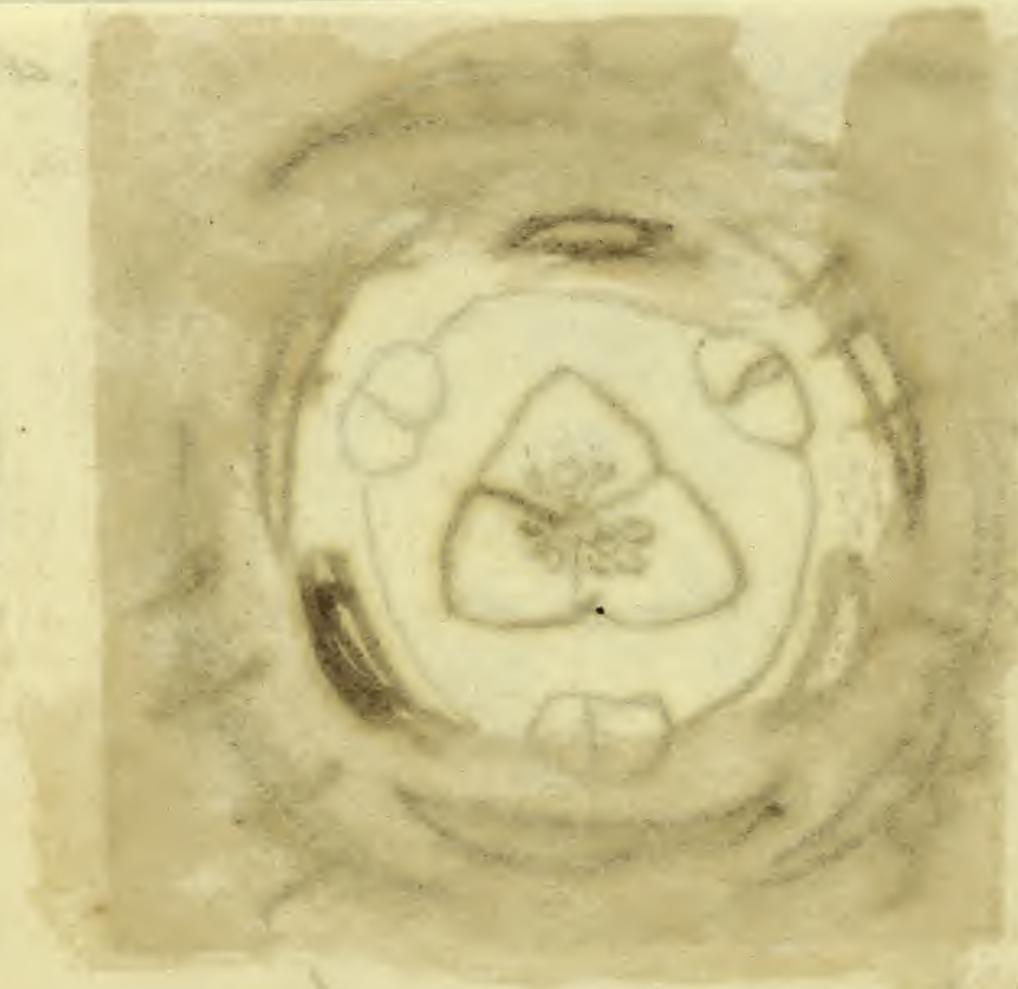

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Iris

St Louis

May 1860

seeds in a single row in each cell

but from 2 parietal rows

sect. of ov

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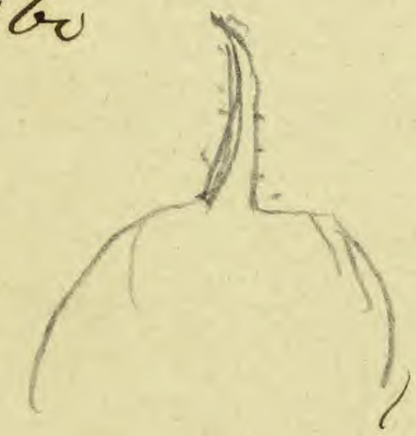
Sisyrinchium

blue

Meadows on the banks of Rivers des Peres

May 16 1860

Sect. of stem
Broad winged



blue petals
long mucronate
peduncle
with yellowish green
spot at base

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M. W. ALEXANDER,

SOUTH-EAST CORNER OF FOURTH AND MARKET STREETS,

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1

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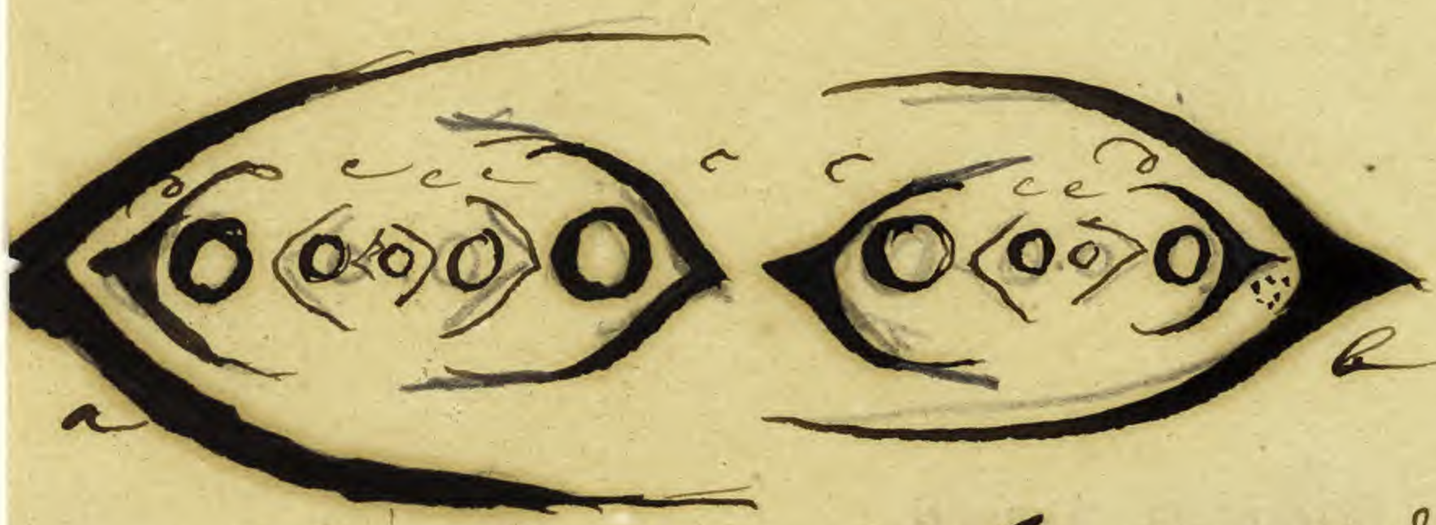
Sisyr. alb.
April 1860

young bud,
anthers exsert
ovary smooth

bud a little
more developed.

sect of stem

sometimes the
inner sheath, G,
bears also a flower
and sometimes the first inner
(3d – all) bract is sterile
often so the sterile bracts
in the center.



a G spathe; a as long as pedicels, b. twice as
cc dd foliaceous bracts, involucel sheaths or bracts
ee membranous involucel bracts

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1-2

125

Smilaceae

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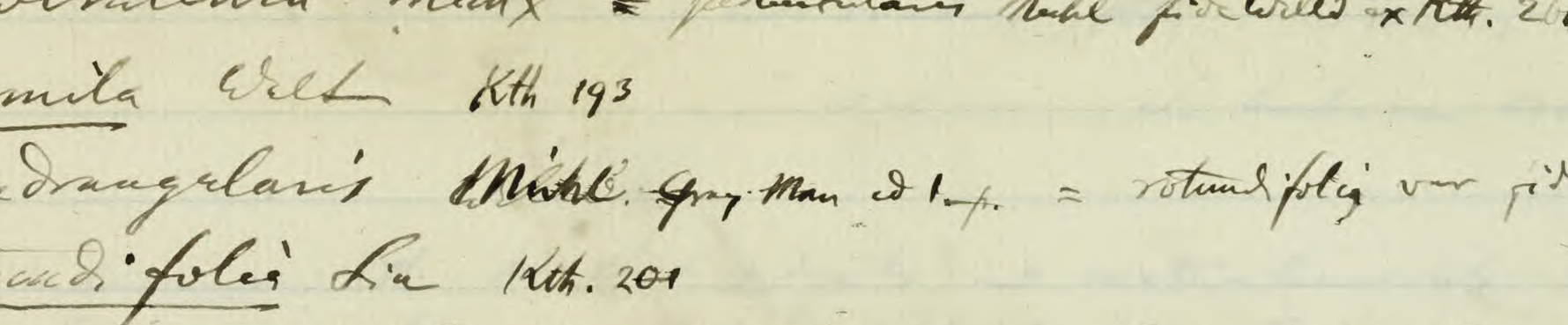
Aug. 6. 1865

Smilax Kunth Enum V. 160

S. alba Pursh Kth. 259 = laurifolia ? fide Chapm.
auriculata Wall Kth. 260 Chapm. 476
bona nox Lin Kth. 210 = tamnoides L. fide Gray
bona nox β Mich x = hastata
caduca Lin Kth. 203 forma S. rotundifolia Hgr.
caduca Willd = rotundifolia fide Kth. 202 = glauca fide Gray
caduca Elliott = Walteri Pursh fide Chapm.
cerridifolia Pursh Kth. 260.
China Wall = Walteri Pursh
glaucca Wall = Sarsaparilla Lin expt.
hastata Willd Kth. 210 = tamnoides L. fide Gray
hederaefolia Willd ict. = pseudo China fide Kth. 259
hederaefolia Desfs Kth. 209. = tamnoides fide Chapm.
herbacea Lin Kth. 265
heterophylla Ref Kth. 260
hispida Muhl. Cat Kth. 203 ad rotundifol — sed forma spec.? Gray
horrida Desf Kth. 260
humilis Mill
inermis Will = pedunculari ? fide Kth 264
lanceolata Lin Kth. 220
lanceolata Will = hastata Kth. 210. ex Pursh.
lasioneuron Hook fl. Bor Am. tt. 173 et 187. = pedunculari var fide Kth. 265
laurifolia Lin Kth 184
ovata Pursh = auriculata? Will fide Chapm.
pandurata Pursh Kth. 206 ad tamnoidem fide Gray ad Pseudo China fide Chapm.
pedunculari Muhl Kth. 264
Pseudo-China Lin Kth. 259. ad tamnifolia ? ex Michx. -
pubera Michx = pumila
pudens Willd
puberulenta Michx = pedunculari Muhl fide Willd Kth. 264
pumila Will Kth 193
quadrangulari Michx. Gray Man ed 1 fide = rotundifolia var fide Gray Man ed 2 462
rotundifolia Lin Kth. 201
Sarsaparilla Lin ex part Kth. 203 = glaucca fide Gray
Sassafrifolia Michx Kth. 267
tamnoides Lin Kth. 205
tamnoides Pursh = tamnifolia Mss. fide Gray



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S. Virginiana Mill Dict. Kth. 260

S. variegata Wlld = bona nox Li per Kth. 210 & Pursh

S. Walteri Pursh Kth. 259

Watsonii Sweet

S. longifolia Wilson = Watsonii Sw.

hispida Muhl Cat. Kth. 203. ex Torr. H. N.Y. 302. forma S. rotundifolia Kth

Spinulosa Smith = Torr. H. N.Y. forma S. glaucescens, gen. Kth.

Degrichii Kunth en. 207 (tamnoides Degr. = herb.)

Sprengelii Kunth 207. (quadrangularis Engelm. = Herb.

tamnoides Spreng = Herb.

Engelmanniana Kth. 221 distincta ab. Lanceolata 11. Orleans

Kunth accurately describes the following of Engelmann's Species in Herb reg. Berolin:

— p. 184 S. Caerifolia L, Atkinson ♀ = tamnoides var

206 S. pandurata Pursh Natchez, Miss. ♂ ♀ sub nom. lanceolata Eng

— 207 S. Sprengelii Kth. New Orleans (St Louis) ♂ ♀ sub nom quadrangularis Eng.

= S. tamnoides fol. integris

— 220 S. Lanceolata L. Atkinson. ♀ sub nom S. radula Eng.

— 221 S. Engelmanniana Kth in note N. Orleans ♂ ♀

sub nom. S. Lanceolata ♂ Eng.

— 265 S. pedunculosa Muhl. St Louis

— 266. S. herbacea β ecirrata Kth. St Louis ♂ ♀

sub nom. S. herbacea ecirrata Eng.

what is this?

S. Engelmanniana Kth has short peduncles & ovate-lanceolate leaves and no prickles — but might it not be an unarmed form of the variable S. tamnifolia? — Kunth's Spec. has prickles in the note

receptacle globular, large in S. Lanceolata, Caerifolia & pumila:

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16. Smilax laurcolata ? caule ligneo scandente aculeis
sparsis nudis, petiolis brevibus triquetris, foliis longe
lanceolatis cuspidatis 3-nerviis perennibus, umbellis
glaucis; umbellis breviter pedunculatis.

Pohl - ist recht. Wächst in einem Vorfrühling bei
Littlerock (1835) — Es gab sehr gleich den Typus gestalt
Name laurifolia, der aber zu Vitis gehört.

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ARTHUR OLSHAUSEN,
Secretary.

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